

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-237
Relating to Certification of New Motor Vehicles

FORD MOTOR COMPANY

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1983 model year Ford Motor Company exhaust emission control systems are certified as described below for gasoline-powered light-duty trucks and medium-duty vehicles.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
DFM5.0T2HCG9	302 (5.0)	Air Injection - Pump Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop

Vehicle Models, Transmissions, Engine Codes, and Evaporative Emission Control Families as listed on attachments.

The following are the emission standards for this engine family to be listed on the window decal required by California Assembly-Line Test Procedures for 1983 model-year vehicles:

<u>Equivalent Inertia Weight</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
4000 - 5999	0.50	9.0	1.0

The following are the certification emission values for this engine family:

<u>Equivalent Inertia Weight</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
4000 - 5999	0.28	2.1	1.0

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Administrative Code, Section 2290) for the aforementioned model year.


BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California, this 30th day of July, 1982.


K. D. Drachand, Chief
Mobile Source Control Division

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Ford Motor Company Executive Order No. A-10-237 Page 1Engine Family DFM5.0T2HCG9 Evaporative Family 3DM, 3DQEngine CID (Liters) 302 (5.0L)

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance
 EEC-Electronic Engine Control
 EI-Electronic Ignition
 ESAC-Electronic Spark Advance Control
 VA-Vacuum Advance
 VR-Vacuum Retard

Exhaust Emissions Control System

AIP-Air Injection-Pump
 AIV-Air Injection-Valve
 CL-Closed Loop
 EGR-Exhaust Gas Recirculation
 EM-Engine Modification
 OC-Oxidation Catalyst System
 TR-Thermal Reactor
 TWC-Three Way Catalyst System

Special Features

CCV-Clean Air
 Chamber Valve
 CFI-Central Fuel Injection
 DID-Diesel Injection-Direct
 DIP-Diesel Injection-Prechamber
 MFI-Mechanical Fuel Injection
 TC-Turbocharged

Fuel System

CFI, CL, DID, DIP, EFI, MFI
 nV-nVenturi Carburetor
 VV-Variable Venturi

<u>Vehicle Line</u>	<u>Body Type</u> (Cab Style)	<u>Body Code</u> (Wheelbase)
F-100 (4x2)	Regular Cab	SWB & LWB
F-150 (4x2)	Regular Cab , Super Cab	SWB & LWB SWB & LWB
F-150 (4x4)	Regular Cab Super Cab	SWB & LWB LWB
F-250 (4x2)	Regular Cab Super Cab Regular Cab Chassis	LWB LWB LWB
F-250 (4x4)	Regular Cab Super Cab	LWB LWB
Bronco (4x4)	Std.	Std.
E-100	Regular Van	SWB & LWB
E-150	Regular Van Super Van Club Wagon	SWB & LWB LWB SWB & LWB
E-250	Regular Van Super Van	LWB LWB

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DRIVE SYSTEM: Front Engine/Rear and Four Wheel Drive.

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars ☒ Light-Duty Trucks ☐ Medium-Duty Vehicles ☒ Gas ☐ Diesel

Manufacturer Ford Motor Company I.O. #A -10-237

Engine Family DFM5.0T2HCG9 CID (liter) - Type 302 (5.0L) - V8

ECS (Special Features) AIP/EGR/CL/TWC

Engine Code	Vehicle Models (Dyno. Hp.)	Trans.	Equiv. Test Weight	Ign. System Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Part No.
354TR00B*	F-150 RC SWB 4x4 (15.8)	(C6001) A-3	4500	E3UF-12A649 -CA (EEC)	E3TE-9510-BLA or E3TE-9510-BPA (alt)	E3TE-9F483 -CA	DFM
	F-150 RC LWB 4x4 (15.8)						
	F-150 SC LWB 4x4 (18.1)		4750				
	F-250 RCC LWB 4x2 (20.0)		5000				
	F-250 RC LWB 4x4 (21.4)		4750				
	F-250 SC LWB 4x4 (21.4)		5000				
	Bronco 4x4 (13.9)		4750				
354TR00B*	F-100 RC SWB 4x2 (15.4)	(A0X014) A-4 OD	4250	E3UF-12A649 -BA (EEC)	E3TE-9510-BJA		
	F-100 RC LWB 4x2 (15.4)						
	F-150 RC SWB 4x2 (15.4)		4000				
	F-150 RC LWB 4x2 (15.4)		4250				
	F-150 SC SWB 4x2 (15.4)		4500				
	F-150 SC LWB 4x2 (15.4)						

Comments: See page one for abbreviations and evaporative emission family identification.
If two test weights are listed, the lower weight will be used for testing.

* With Air Conditioning

Date of Issue - 7-29-82

Revisions:

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Passenger Cars ☐ Light-Duty Trucks ☒ Medium-Duty Vehicles ☒ Gas ☐ Diesel

Manufacturer Ford Motor Company E.O. #A -10-237

Engine Family DFM5.0T2HCG9 CID (liter) - Type 302 (5.0L) - V8

ECS (Special Features) AIP/EGR/CL/TWC

Engine Code	Vehicle Models (Dyno. Hp.)	Trans.	Equiv. Test Weight	Ign. System Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Label Ident. Part No.
354PR00B*	F-250 RC LWB 4x2 (19.4)	(AOX014)	4500	E3UF-12A649 -AA (EEC)	E3TE-9510- BJA	E3TE-9F483 -CA	DFM
	F-250 SC LWB 4x2 (19.4)		4750				
	E-100 RV LWB (16.7)						
	E-150 RV LWB (16.7)						
	E-150 SV LWB (16.7)		5000				
	E-150 CW SWB (16.7)		4750				
	E-150 CW LWB (16.7)		5250				
	E-250 RV LWB (19.4)		4750				
	E-250 RV LWB (19.4)						
	E-250 SV LWB (19.4)		5000				
	E-250 SV LWB (19.4)						
	E-250 SV LWB (19.4)						
	E-250 SV LWB (19.4)						
	E-250 SV LWB (19.4)						
354RR00B*	E-100 RV SWB (16.7)	(AOX014)	4500	E3UF-12A649 -BA (EEC)			
	E-150 RV SWB (16.7)						

Comments: See page one for abbreviations and evaporative emission family identification.
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